

ELECTRICAL PLAN REVIEW REQUIREMENTS

CITY OF RENTON
Development Services Division
1055 South Grady Way, Renton WA 98057
Phone: (425) 430-7200

Plan review required for: Service 400 Amps or greater, Hospitals, Schools, Institutions, Nursing Homes, Assisted Living facilities, Commercial Generators, and Work in Hazardous Locations

ITEMS REQUIRED FOR ELECTRICAL PLAN REVIEW SUBMITTAL

- ☐ 1. **Completed Electrical Permit Application** with two full sets of electrical plans, a written description of full scope and nature of electrical installation. Contact name with phone or email address required.
- ☐ 2. Indicate building use (or portion of) per WAC 296-46-150 Table 1 or 2 if applicable.
- ☐ 3. One line riser diagram to Service Point. Identify all service and feeder conductors, including conductor size, material, insulation, overcurrent protection, conduit size, type and grounding methods.
- ☐ 4. Provide panel and switchboard schedules showing overcurrent protection, conductor size, insulation, and branch circuit loads.
- ☐ 5. Provide load calculations for all panel boards and other distribution equipment affected by the electrical work being done. Include total connected load, demand factors and calculated loads.
- ☐ 6. Provide available fault current at service equipment, equipment AIC ratings, let through current rating, and equipment bracing.
- ☐ 7. Selective coordination information for emergency, legally required and elevator systems.
- ☐ 8. Floor plan views including lighting schedule, energy code switching requirements (occupancy sensors, daylighting, automatic shut off controls, photosensors) of electrical installation or alteration.
- ☐ 9. Adequate capacity and rating shall be indicated when existing service feeder has additional loads added.
- ☐ 10. Indicate if service or feeder is to be altered or installed.